

INTERNATIONAL SEARCH REPORT

International Application No

PCT/cr u2/11694

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L1/18 H04L27/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Y | WENGERTER CH ET AL: "Advanced hybrid ARQ technique employing a signal constellation rearrangement" VTC 2002-FALL. 2002 IEEE 56TH. VEHICULAR TECHNOLOGY CONFERENCE PROCEEDINGS. VANCOUVER, CANADA, SEPT. 24 - 28, 2002, IEEE VEHICULAR TECHNOLOGY CONFERENCE, NEW YORK, NY: IEEE, US, vol. 1 OF 4. CONF. 56, 24 September 2002 (2002-09-24), pages 2002-2006, XP010608782 ISBN: 0-7803-7467-3 the whole document | 1-5,7, 12,17, 20,21,23 |
| A | --- | 6,8-11, 13-16, 18,19,22 |
| | --- -/-- | |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

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- *E* earlier document but published on or after the international filing date
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Date of the actual completion of the international search

10 July 2003

Date of mailing of the international search report

24/07/2003

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PCT, CT J2/11694

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| Y | "Enhanced HARQ Method with Signal Constellation Rearrangement" TSG-RAN WORKING GROUP 1 MEETING, XX, XX, no. 19, 27 February 2001 (2001-02-27), XP002229383 page 1 | 1-5,7, 12,17, 20,21,23 |
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| Y | US 2002/036980 A1 (LUNDBY STEIN S ET AL) 28 March 2002 (2002-03-28) abstract paragraph '0003! paragraph '0005! paragraph '0007! | 1-5,7, 12,17, 20,21,23 |
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| Y | AIK CHINDAPOL ET AL: "Bit-interleaved coded modulation with signal space diversity in Rayleigh fading" SIGNALS, SYSTEMS, AND COMPUTERS, 1999. CONFERENCE RECORD OF THE THIRTY-THIRD ASILOMAR CONFERENCE ON OCT. 24-27, 1999, PISCATAWAY, NJ, USA, IEEE, US, 24 October 1999 (1999-10-24), pages 1003-1007, XP010373787 ISBN: 0-7803-5700-0 the whole document | 1-5,7, 12,17, 20,21,23 |
| A | | 6,8-11, 13-16, 18,19,22 |

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/11694

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